

Baseball Metrics

Weekly Progress Meeting #1

Feedbacks

- I'm not sure **what they're trying to implement**. It would be nice to provide detailed information **in consideration of people who don't know baseball**.
- Your service targets newcomers for baseball, then there will be more **specific data for beginners**.
- Learning curve too high for indicators, how will **casual fan interpret this?** – What are the main functionalities for casual fans?
- **ui/ux design** seems very important to prevent information bloat to the user
- In predicting victory, there are questions about **how to apply players' data and learn the model**. In the presentation process, there were no images at all, so it is not clear exactly what is being said. It would have been helpful to add **images to show how a certain simulation is carried out**.
- What can be the **possible effect** if your service offers **analytics** of baseball players? Just to know which player is doing good or bad? * Mini game will not be very useful for **users who are not interested in complex calculation**
- I think the project needs more **attractive special features that make difference** from other baseball stat websites
- Does **beginners** have to understand difficult words like OPS??? I think they can still fully enjoy baseball without difficult indicators. – Want **more details about mini game** please!
- **How will you rate a player?** After every game or is there data you are going to use. Is it just **offline or with real data** of the games from baseball?
- Do **baseball fans analysis sports data** carefully? There seem to be many fans who enjoy baseball for entertainment purposes without checking the data.
- If sabermetrics is used for baseball simulation rather than to analyze real baseball player in your program. **Why should sabermetrics be used** rather than other baseball indicators?
- Why did you add a baseball mini-game in your program? What's the **difference between a conventional baseball simulation game** and your newly made baseball mini-game?

Feedbacks

Target & Solution

What are the main functions for casual fans or newcomers?

Differentiation


What is the difference between your service and others?

Needs


Are baseball fans actually interested in baseball stats or analysis?

Planning

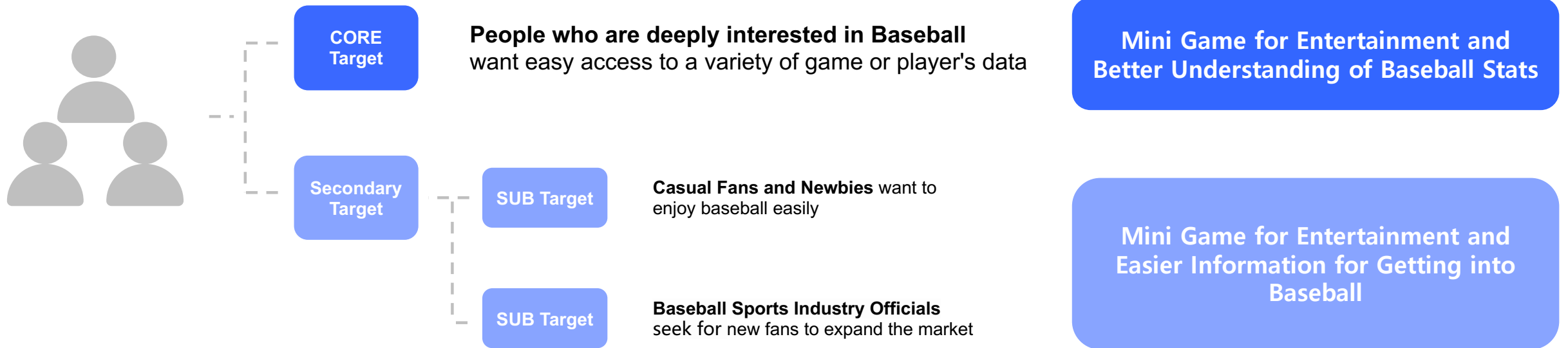
What are you going to make and how?




**“What are the main functions
for casual fans or newcomers?”**




Target & Solution





**“What is the difference
between your service and
other baseball stats website or
simulation games?”**



Differentiation

1. Simulation Games

This screenshot shows the player profile for Zack Wheeler (#45) in a simulation game. The interface includes tabs for Summary, Contract, Batting Stats, Pitching Stats, Hitting Stats, Injury History, and Baseball Cards. The 'Summary' tab is active, displaying personal details (Age 32, 6'4", 190 lbs), physical attributes (Throws Right, Bats Left), and various performance metrics. A 'Popularity & Morale' section at the bottom shows a graph and current values.

This screenshot shows a live game in progress between the Atlanta Braves and the Texas Rangers. The game is in the 4th inning, with the Braves leading 1-0. The field is visible with players in position. The interface includes a scoreboard at the top and a list of substitutions on the right.

This screenshot shows the 'UNIVERSE - LEAGUES & RULES' screen. It displays a grid of team logos representing the league standings. The grid is organized by league level (Diamond, Gold, Silver, Bronze, Iron, Stone, Rookie) and team number. A 'Perfect League' section on the left provides additional context.

This screenshot shows the career stats for Pete Alonso (Albuquerque Aliens). The interface includes a 'Might Trade' section, a 'Click field to change position' button, and a detailed table of career statistics. The table columns include Year, Age, Team, G, AB, R, H, 2B, 3B, HR, RBI, BB, IBB, K, SB, CS, SH, HBP, GDP, AVG, OBP, SLG, OPS, and OPS+. The table shows data from 2019 to 2024.

This screenshot shows a game in progress between the Nationals and the Phillies. The game is in the 7th inning, with the Nationals leading 7-0. The field is visible with players in position. The interface includes a scoreboard at the top and a list of substitutions on the right.

This screenshot shows the depth chart for the Chicago Cubs. The chart displays the team's roster, including players like Kris Schwarber, Jason Heyward, and Anthony Rizzo. It also shows the team's financial status, including cash, payroll, and projected revenue. The interface includes a 'View My Team (BOB)' button and a 'Team Stats' section.

Differentiation

2. Web Services

시즌기록실

시즌기록실

통산기록실

팀기록실

특별기록실

연도별 상수

WAR Special

시즌기록실

조회

목록

주요

2023연도시작끝팀전체포지션정규규정상황음션

[자동 : 규정 100% 이상]

경기 시즌초 투수WAR 계산 불안정성을 줄이기 위해, (전반기까지) 상대Level = 현재 값 * 시즌진행율2 + 리그 평균 * (1 - 시즌진행율2)

기본확장가치클러치타석타구1타구2파워팀배팅1팀배팅2도루주루구종가치구종구사

| 순 | 이름 | 팀 | 생산력+ | 타석 | HR% | BB% | K% | BB/K | IsoP | IsoD | BABIP | Spd | PSN | 타격 생산력 | | | | 타격 생산력 (파크팩터 조정) | | | | |
|----|------|----|-------|-----|------|------|------|------|------|------|-------|-----|-------|--------|-------|-------------------|------|------------------|-------|-------------------|------|-------|
| | | | wRC+ | | | | | | | | | | | wOBA | wRC | wRC ₂₇ | wRAA | wOBA | wRC | wRC ₂₇ | wRAA | wRC+ |
| 1 | 노시환 | SS | 161.2 | 582 | 5.33 | 12.5 | 20.1 | 0.62 | .249 | .091 | .333 | 2.7 | 3.76 | .421 | 110.2 | 8.07 | 41.6 | .422 | 110.7 | 8.10 | 42.0 | 161.2 |
| 2 | 양의지 | C | 155.9 | 493 | 3.25 | 11.6 | 11.4 | 1.02 | .168 | .093 | .329 | 2.7 | 10.67 | .406 | 87.4 | 7.56 | 29.2 | .415 | 90.7 | 7.85 | 32.5 | 155.9 |
| 3 | 최정 | SS | 155.5 | 552 | 5.25 | 10.7 | 15.8 | 0.68 | .251 | .091 | .308 | 3.5 | 11.28 | .418 | 103.2 | 7.89 | 38.1 | .414 | 101.3 | 7.75 | 36.2 | 155.5 |
| 4 | 구자욱 | RF | 155.3 | 507 | 2.17 | 10.1 | 16.0 | 0.63 | .161 | .070 | .394 | 4.5 | 11.48 | .418 | 94.6 | 8.30 | 34.8 | .414 | 92.9 | 8.14 | 33.1 | 155.3 |
| 5 | 오스틴 | SS | 154.1 | 571 | 3.85 | 9.1 | 13.1 | 0.69 | .202 | .062 | .329 | 4.8 | 10.62 | .405 | 100.6 | 7.36 | 33.2 | .412 | 103.8 | 7.60 | 36.4 | 154.1 |
| 6 | 최형우 | DH | 153.5 | 508 | 3.35 | 12.8 | 16.3 | 0.78 | .186 | .098 | .337 | 2.6 | 0.00 | .409 | 91.0 | 7.92 | 31.1 | .411 | 92.0 | 8.01 | 32.0 | 153.5 |
| 7 | 홍창기 | RF | 152.2 | 634 | 0.16 | 13.7 | 12.9 | 1.06 | .080 | .112 | .390 | 5.0 | 1.92 | .408 | 113.4 | 8.04 | 38.6 | .409 | 113.9 | 8.07 | 39.1 | 152.2 |
| 8 | 박건우 | RF | 148.7 | 523 | 2.29 | 10.7 | 13.2 | 0.81 | .163 | .079 | .348 | 3.5 | 8.84 | .405 | 92.2 | 7.45 | 30.4 | .404 | 91.8 | 7.42 | 30.1 | 148.7 |
| 9 | 에릭디아 | LF | 141.3 | 506 | 2.37 | 7.7 | 14.6 | 0.53 | .140 | .062 | .366 | 3.5 | 11.48 | .393 | 84.3 | 6.87 | 24.6 | .393 | 84.4 | 6.88 | 24.7 | 141.3 |
| 10 | 김재성 | 2B | 140.9 | 617 | 1.14 | 8.9 | 12.3 | 0.72 | .112 | .060 | .374 | 7.1 | 10.94 | .391 | 101.9 | 7.18 | 29.1 | .392 | 102.6 | 7.23 | 29.8 | 140.9 |

| 순 | 이름 | 팀 | 생산력+ | 타석 | HR% | BB% | K% | BB/K | IsoP | IsoD | BABIP | Spd | PSN | 타격 생산력 | | | | 타격 생산력 (파크팩터 조정) | | | | |
|----|-----|----|-------|-----|------|-----|------|------|------|------|-------|-----|------|--------|------|-------------------|------|------------------|------|-------------------|------|-------|
| | | | wRC+ | | | | | | | | | | | wOBA | wRC | wRC ₂₇ | wRAA | wOBA | wRC | wRC ₂₇ | wRAA | wRC+ |
| 11 | 손아섭 | DH | 140.8 | 593 | 0.84 | 8.1 | 11.0 | 0.74 | .106 | .053 | .377 | 5.4 | 7.22 | .391 | 98.0 | 7.12 | 28.1 | .392 | 98.5 | 7.15 | 28.6 | 140.8 |

시즌초 투수WAR 계산 불안정성을 줄이기 위해, (전반기까지) 상대Level = 현재 값 * 시즌진행율2 + 리그 평균 * (1 - 시즌진행율2)

로그인 | 회원가입 | ENGLISH | 선수 검색하기

KBO

일정·결과

기록·순위

선수

미디어 뉴스

KBO

퓨처스리그

KBO 마켓

KBO 폰트

기록·순위

기록실

팀 순위

선수 순위

역대 기록

예상 달성 기록

기록 경쟁 현황

관중 현황

기록실

선수 기록

팀 기록

투수 VS 타자

기록물어

타자

투수

수비

주루

2023KBO 정규시즌팀 선택포지션 선택경기상황별1경기상황별2

타자기록

기본기록 | 세부기록

기록보기

| 순위 | 선수명 | 팀명 | AVG | G | PA | AB | R | H | 2B | 3B | HR | TB | RBI | SAC | SF |
|----|------|-----|-------|-----|-----|-----|-----|-----|----|----|----|-----|-----|-----|----|
| 1 | 손아섭 | NC | 0.341 | 136 | 593 | 537 | 94 | 183 | 36 | 3 | 5 | 240 | 65 | 1 | 5 |
| 2 | 구자욱 | 삼성 | 0.340 | 117 | 507 | 447 | 65 | 152 | 37 | 1 | 11 | 224 | 71 | 2 | 3 |
| 3 | 김재성 | 키움 | 0.336 | 135 | 613 | 550 | 103 | 185 | 29 | 6 | 7 | 247 | 57 | 0 | 5 |
| 4 | 홍창기 | LG | 0.333 | 138 | 634 | 516 | 109 | 172 | 34 | 2 | 1 | 213 | 65 | 3 | 6 |
| 5 | 에릭디아 | SSG | 0.324 | 118 | 506 | 457 | 75 | 148 | 28 | 0 | 12 | 212 | 73 | 1 | 1 |
| 6 | 박건우 | NC | 0.319 | 127 | 523 | 448 | 69 | 143 | 33 | 2 | 12 | 216 | 85 | 1 | 9 |
| 7 | 김선빈 | KIA | 0.316 | 114 | 451 | 402 | 37 | 127 | 16 | 0 | 0 | 143 | 45 | 8 | 2 |
| 8 | 백민우 | NC | 0.315 | 119 | 488 | 435 | 75 | 137 | 20 | 7 | 2 | 177 | 43 | 4 | 3 |

Differentiation

Simulation Games



- ✓ Only available by downloading or need to be paid
- ✓ Require a deep understanding of baseball
- ✓ Complex UI

Websites




- ✓ Insufficient description of indicators that are unfamiliar
- ✓ Unable to grasp public opinion
- ✓ Poor readability




Baseball Metrics

- ✓ A simple game that everyone can enjoy
- ✓ High accessibility as a web-based game
- ✓ Provide description in an easy-to-understand manner
- ✓ User-friendly UX/UI

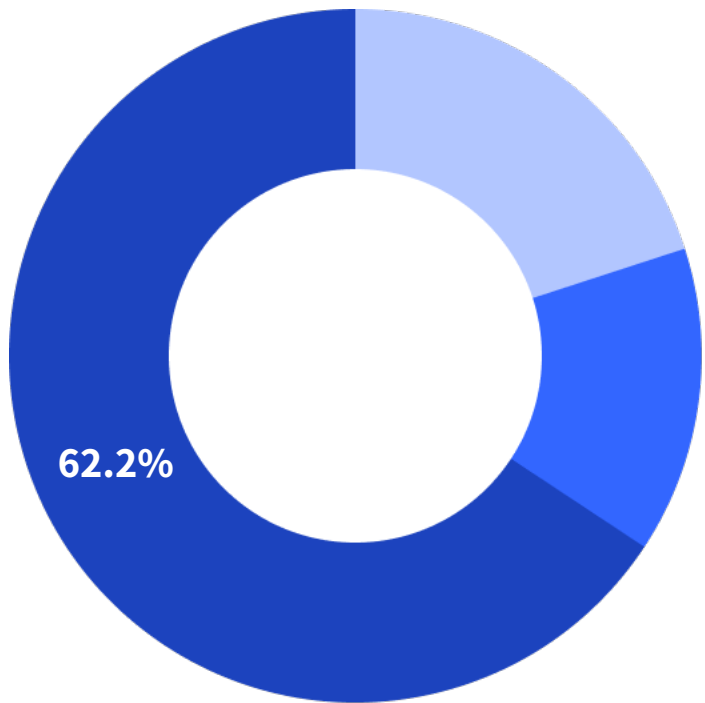


**“Are baseball fans actually
interested in baseball stats or
analysis? What are the possible
effects of your service?”**



User Research: Needs

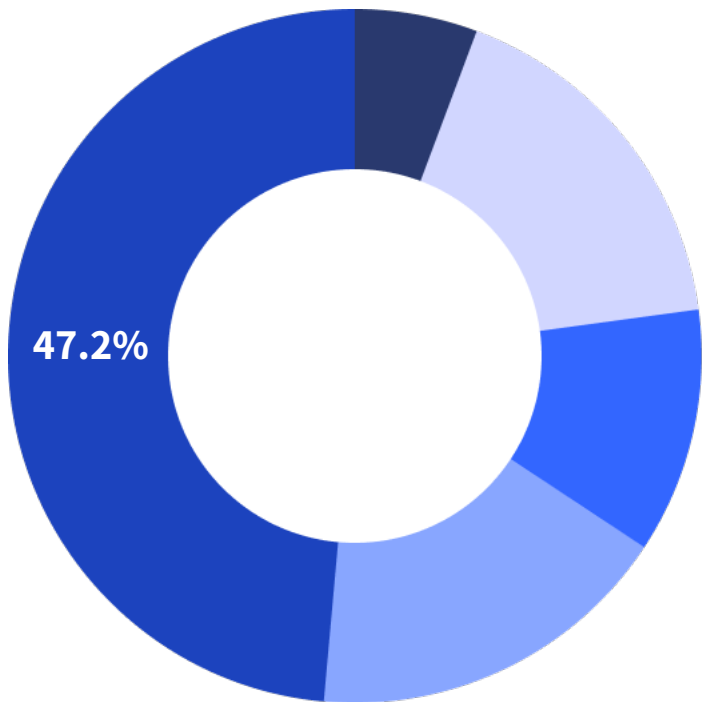
How interested are you in baseball?



- I have no interest at all.
- I have basic knowledge of baseball game rules and has watched baseball games more than once.
- I often watch baseball games, and there is a baseball team or player I support
- I am so interested in baseball that I watch baseball games every season.

User Research: Needs

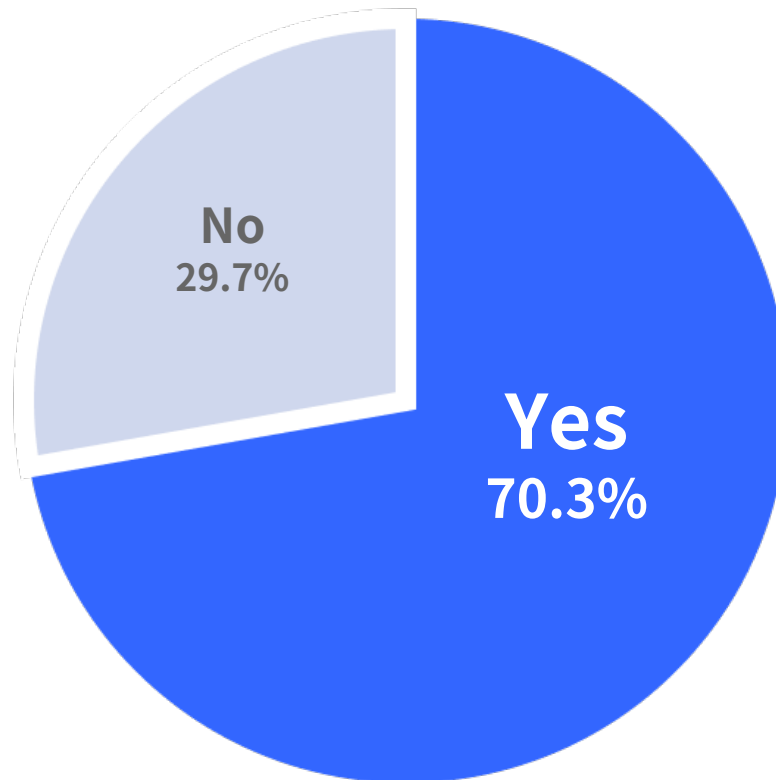
Do you know baseball stats such as OPS, BABIP, and WAR?



- I've never heard of it.
- I've only heard of it.
- I have a rough idea of what it means.
- I know what it means, and I can explain it briefly.
- I understand what it means and can use the figures to understand the game or the player's performance.

User Research: Needs

Have you ever tried to understand or felt the need to understand the baseball stats above?

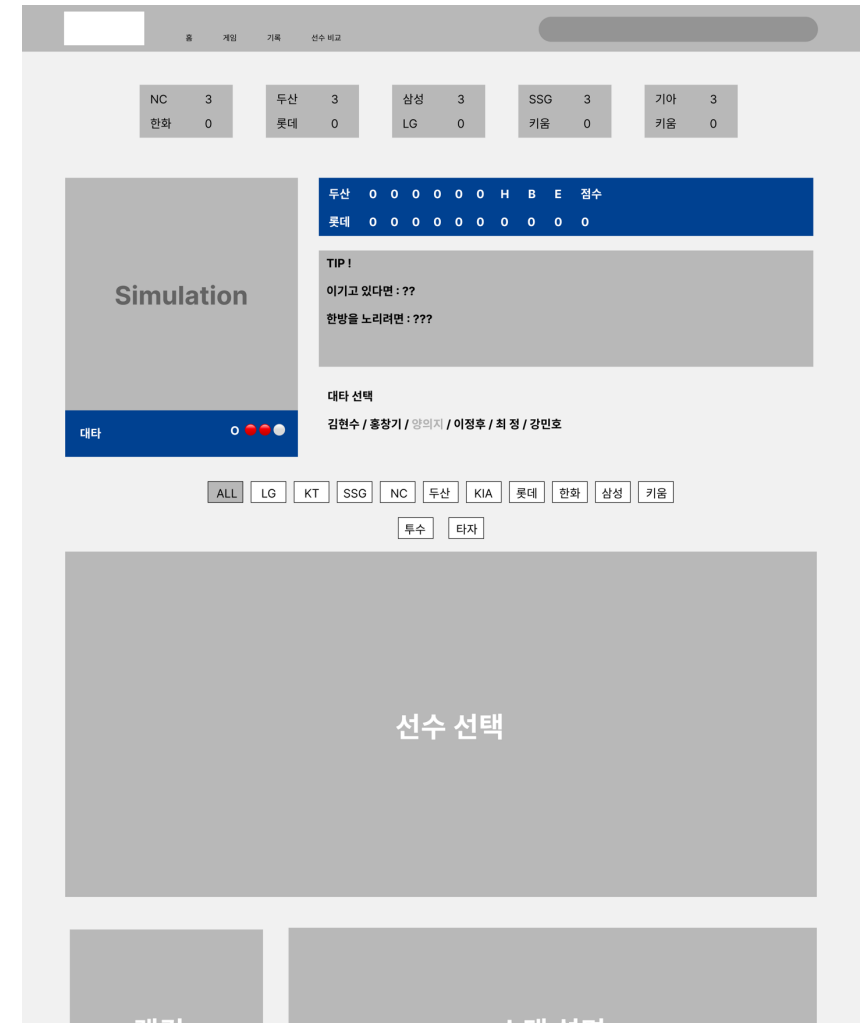
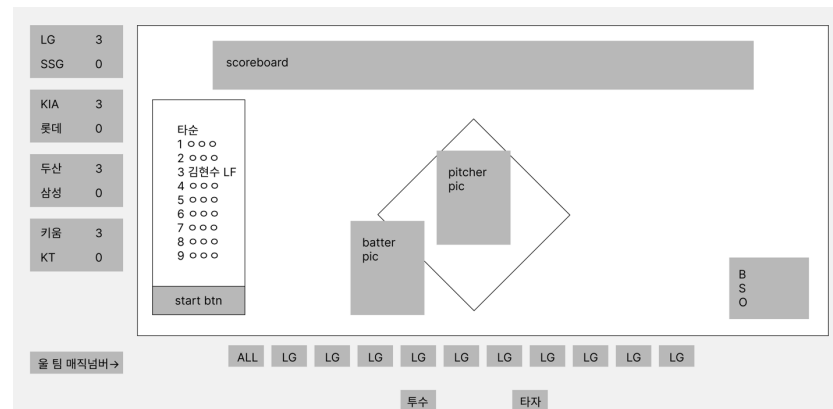
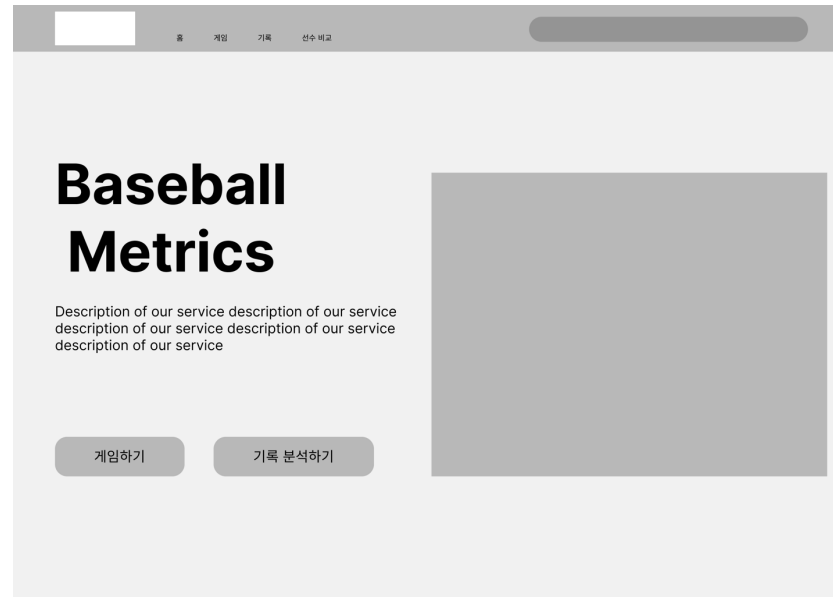
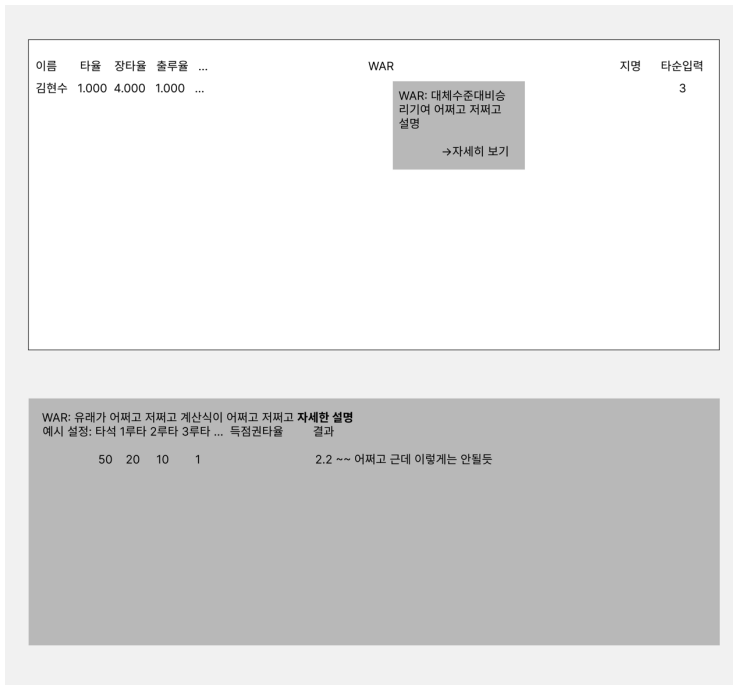




**“What are you going to
make and how?”**



Wireframes



Game Logics

